

Entire Application

Overview

***Are you a member, or are you currently involved in the management, of the fire department applying for this grant with this application?**

Yes, I am a member/officer of this applicant

If you are a grant writer or otherwise not affiliated with this applicant, please **complete** the information below.

Fields marked with an * are required.

If you are a member/officer of this applicant, please do **not** complete the information requested below.

Preparer Information

* Preparer's Name

* Address 1

Address 2

* City

* State

* Zip

* Enter Grant-writing fee associated with the preparation of this request. Enter 0 if there is no fee. 0

Contact Information

Alternate Contact Information Number 1

* Title	Assistant Chief
Prefix	N/A
* First Name	Gary
Middle Initial	K
* Last Name	Cornett
* Business Phone	828-259-5649 Ext.
Alternate Phone Number	Ext.
Mobile Phone/Pager	828-778-5649
Fax	828-250-8815
*Email	garycornett@ashevillenc.gov

Alternate Contact Information Number 2

* Title	Interim Fire Chief
Prefix	N/A
* First Name	Scott
Middle Initial	T
* Last Name	Burnette
* Business Phone	828-232-4592 Ext.
Alternate Phone Number	Ext.
Mobile Phone/Pager	828-552-1468
Fax	
*Email	stburnette@ashevillenc.gov

Applicant Information

EMW-2009-FC-05382

Originally submitted on 07/10/2009 by Gary Cornett (Userid: garycornett)

Contact Information:

Address: P.O. Box 7148

City: Asheville

State: North Carolina

Zip: 28802

Day Phone: 8282595649

Evening Phone: 8286282805

Cell Phone: 8287785649

Email: gcornett@ashevillenc.gov

Application number is EMW-2009-FC-05382

* Fire Department Name	Asheville Fire and Rescue
* Type of Jurisdiction Served	City
If other, please enter the type of Jurisdiction	
* <u>Employer Identification Number</u>	56-6000224
* What is your organization's <u>DUNS Number</u> ?	071056451 (call 1-866-705-5711 to get a DUNS number)
Headquarters or Main Station Physical Address	
* Physical Address 1	100 Court Plaza
Physical Address 2	
* City	Asheville
* State	North Carolina
* Zip	28801 - 3508 Need help for ZIP+4?
Mailing Address	
* Mailing Address 1	P.O. Box 7148
Mailing Address 2	
* City	Asheville
* State	North Carolina
* Zip	28802 - 7148 Need help for ZIP+4?
Account Information	
* Type of bank account	Checking
* Bank routing number - <u>9 digit</u> number on the bottom left hand corner of your check	053101561
* Your account number	2079900120048
Additional Information	
* For this fiscal year is your organization receiving Federal funding from any other grant program that may duplicate the purpose and/or scope of this grant request?	No

* If awarded the FSC grant, will your organization
expend more than \$500,000 in Federal funds during
your organization's fiscal year in which this FSC grant
was awarded? No

* Is the applicant delinquent on any Federal debt? No

If you answered yes to any of the additional questions
above, please provide an explanation in the space
provided below:

Fire Department Characteristics (Part I)

* Are you a member of a Federal Fire Department or contracted by the Federal government and solely responsible for suppression of fires on Federal property?	Yes
* What kind of fire department do you represent?	All Paid/Career
If you answered combination, above, what is the percentage of career members in your organization?	%
If you answered volunteer or combination or paid on-call, how many of your volunteer Firefighters are paid members from another career department?	0
* What type of community does your organization serve?	Urban
* What is the square mileage of your first-due response area?	58
* What percentage of your response area is protected by hydrants?	95 %
* In what county/parish is your organization physically located? If you have more than one station, in what county/parish is your main station located?	Buncombe
* Does your organization protect critical infrastructure of the state?	Yes
* How much of your jurisdiction's land use is for agriculture, wild land, open space, or undeveloped properties?	20 %
* What percentage of your jurisdiction's land use is for commercial, industrial, or institutional purposes?	20 %
* What percentage of your jurisdiction's land is used for residential purposes?	60 %
* How many occupied structures (commercial, industrial, residential, or institutional) in your jurisdiction are more than four stories tall? Do not include structures which are not regularly occupied such as silos, towers, steeples, etc.	323
* What is the permanent resident population of your <u>Primary/First-Due Response Area or jurisdiction served?</u>	85000
* How many active firefighters does your department have who perform firefighting duties?	237
* How many fire stations does your department currently operate?	12
* Do you currently report to the National Fire Incident Reporting System (NFIRS)?	Yes
If you answered yes above, please enter your <u>FDIN/FDID</u>	01101
* What services does your organization provide?	

Structural Fire Suppression
Wildland Fire Suppression

Basic Life Support
Formal/Year-Round Fire Prevention Program

Hazmat Technical Level
Rescue Technical Level

Fire Department Characteristics (Part II)

	2008	2007	2006
* What is the total number of fire-related civilian fatalities in your jurisdiction over the last three years?	0	1	1
* What is the total number of fire-related civilian injuries in your jurisdiction over the last three years?	7	6	28
* What is the total number of line of duty member fatalities in your jurisdiction over the last three years?	0	0	0
* What is the total number of line of duty member injuries in your jurisdiction over the last three years?	0	4	6
* Over the last three years, what was your fire department's average operating budget?	14302035		
* What percentage of your TOTAL budget is dedicated to personnel costs (salary, overtime and fringe benefits)?	87 %		
* What percentage of your annual operating budget is derived from: Enter numbers only, percentages must sum up to 100%			
Taxes?	93 %		
Grants?	1 %		
Donations?	0 %		
Fund drives?	0 %		
Fee for Service?	6 %		
Other?	0 %		

If you entered a value into Other field (other than 0), please explain

* How many vehicles does your organization have in each of the types or class of vehicle listed below? You must include vehicles that are leased or on long-term loan as well as any vehicles that have been ordered or otherwise currently under contract for purchase or lease by your organization but not yet in your possession. Enter numbers only and enter 0 if you do not have any of the vehicles below.

Type or Class of Vehicle	Total Number	Total Number of Riding Positions
Engines or Pumpers (pumping capacity of 750 gpm or greater and water capacity of 300 gallons or more): Pumper, Pumper/Tanker, Rescue/Pumper, Foam Pumper, CAFS Pumper, Quint (Aerial device of less than 76 feet), Type I Engine, Type II Engine, Type II/III Wildland/Urban Interface	13	70
Tankers (pumping capacity of less than 750 gallons per minute (gpm) and water capacity of 1,000 gallons or more): Tanker, Tender, Tanker/Tender	1	2
Aerial Apparatus: Aerial Ladder Truck, Telescoping, Articulating, Ladder Towers, Platform, Tiller Ladder Truck, Quint (Aerial device of 76 feet or greater)	6	34
Brush/Quick attack (pumping capacity of less than 750 gpm): Brush Truck, Patrol Unit (Pick up w/ Skid Unit), Quick Attack Unit, Mini-Pumper, Type III Engine, Type IV Engine, Type V Engine, Type VI Engine, Type VII Engine	3	12
Rescue Vehicles: Rescue Squad, Rescue (Light, Medium, Heavy), Technical Rescue Vehicle,	6	24

Hazardous Materials Unit

Other:

EMS Chase Vehicle, Air/Light Unit, Rehab Units, Bomb Unit, Technical Support
(Command, Operational Support/Supply), Hose Tender, Salvage Truck, ARFF
(Aircraft Rescue Firefighting), Command/Mobile Communications Vehicle, Other
Vehicle

18

86

Fire Department Call Volume

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	2008	2007	2006
* How many responses per year by category? (Enter whole numbers only. If you have no calls for any of the categories, enter 0)			
Working Structural Fires	246	259	286
False Alarms/Good Intent Calls	1920	1736	1956
Vehicle Fires	64	78	76
Vegetation Fires	131	188	100
EMS-BLS Response Calls	6982	6817	6885
EMS-ALS Response Calls	0	0	0
EMS-BLS Scheduled Transports	0	0	0
EMS-ALS Scheduled Transports	0	0	0
Vehicle Accidents w/o Extrication	1287	1348	1382
Vehicle Extrications	11	7	18
Other Rescue	65	65	86
Hazardous Condition/Materials Calls	546	519	466
Service Calls	1044	1098	1142
Other Calls and Incidents	1914	1870	1807
Total	14210	13985	14204
What is the total acreage of all vegetation fires?	78	40	30
How many times does your organization receive mutual/automatic aid?	947	935	748
How many times does your organization provide mutual/automatic aid? (Please indicate the number of times your department provides or receives mutual aid. Do not include first-due responses claimed above.)	1843	1998	873

Request Details

The activities for program **Fire Station Construction** are listed in the table below.

Activity	Number of Entries	Total Cost	Total Applicant Share	Total Federal Share
Fire Station Construction	2	\$ 4,601,531	\$ 30,000	\$ 4,571,531

Project	Cost	Applicant Share	Federal Share	Action
Adding a new fire station to expand fire protection coverage to meet increased service demands.	\$ 3,604,005	\$ 15,000	\$ 3,589,005	View Details View Project Budget
Expansion/modification of an existing fire station to meet increased service demands.	\$ 997,526	\$ 15,000	\$ 982,526	View Details View Project Budget

Fire Station Construction

- *1. What is the purpose of your request? Adding a new fire station to expand fire protection coverage to meet increased service demands.
- *2. If your request is to replace or rehabilitate an unsafe or uninhabitable station, what is the reason for your request? N/A (we're building an additional station)
- 2a. If you have health-code violations or orders to vacate your existing fire station, what is the date of that order and what are the conditions under which the order was issued? Date: (mm/dd/yyyy)
- * 3. If your request is to construct an additional fire station in order to better serve your community, did you conduct a formal survey to identify the location of your new fire station? Yes
- a. If yes, what percentage of your first-due response area can currently be protected within a five minute response time (from the time of dispatch), without the new station? 20%
- b. If yes, what percentage of your first-due response area will be protected within a five minute response time (from the time of dispatch) once the new station is operational? 90%
- * 4. Regardless of local building code requirements, will your new station or your modification project be designed and built according to the most recently approved requirements and codes developed by the International Code Council **as well as NFPA standards that involve fire station construction including sprinkler systems (in accordance with NFPA 1, chapter 13) and fire alarms and vehicle exhaust extraction systems (in accordance with NFPA 1500, chapter 9)?** Yes

- * 5. Will your project provide for sleeping quarters and other amenities to accommodate 24/7 occupancy? Yes
- *6a. Has your department obtained formal cost estimates for your project from a contractor, engineering firm, architectural firm, or some other industry source? Yes
- 6b. If so, please provide the estimated cost obtained. If not please provide your best estimates for the cost necessary to complete your project. \$3,604,005
- 6c. What is the source of *the* estimated cost (e.g., general construction contractor, engineering firm, construction cost estimate tables such as Marshall and Swift, R.S. Means, etc.)? Architectural firm
- * 6d. What is the total square *footage of the modification to your facility or your new facility*? 11684
- * 6e. There are no cost-share requirements under this program, but is your department willing to contribute to the cost of the project? Yes - how much? \$15,000
- * 7. Do you own the land on which the construction will occur? Yes
- * 8. Is the land on which the construction will occur already zoned for the planned fire station? Yes
- * 9. The land on which you plan to build the new fire station: Is a vacant lot which has never been disturbed (never been built on).
- * 10. Has your department already obtained all the necessary local permits for your planned construction project? No
- * 11. Has your department already conducted an environmental assessment (EA) for your planned construction project? No, but assessment has been started.
If applicable, explain what work has been done on the EA:
- * 12. If your project is for a renovation of an existing structure, have you already received clearances from the State Historic Preservation Office (SHPO) to proceed with the project? N/A (we're building a new station).
- * 13. Are utilities already at or adjacent to the land on which the construction will occur? Yes, the utilities are readily available to the site.
- * 14. Is your community a participant in the National Flood Yes

Insurance Program and in good standing (i.e. not sanctioned)?

* 15. What was the unemployment rate for your county or city in December 2008 (go to the website provided under the help button to the right)?

6.2 %

* 16. What was the unemployment rate for your county or city in December 2007 (go to the website provided under the help button to the right)?

3.5 %

* 17. What is the population of the county or city for which you have provided the unemployment statistics above?

229047

*18. How long will it take to complete your fire station after the completion of the environmental assessment and receipt of Federal approval to begin work?

12 Months

*19. How long has your department been ready to start the construction of your fire station (how long have you had your permits)?

Months
N/A

*20. How much has your department spent on your project to date?

7000 for design (architects)
0 for permits
243000 other (explain)
The land for the new station has been acquired. The cost of the land was \$243,000 and the associated engineering and architectural design fees were \$7,000.

* 21. Is your department responsible for the provision of Emergency Medical Services in addition to fire suppression?

Yes

*22. What percentage of your active firefighters meets the training requirements under NFPA 1001?

100 %

*23. Will the new fire station improve your department's ability to affect mutual aid?

Yes

If yes, explain
We have mutual aid agreements with all departments in Buncombe County. Automatic aid agreements are also in place with neighboring departments. The new station will be adjacent to a neighboring department's jurisdiction. Through our mutual and automatic aid agreements, citizens and businesses in this area will realize a substantial decrease in response times to emergency and routine incidents.

BUDGET INFORMATION - Construction Programs

Item Name	Project Cost Estimate					
	Cost Classification	Grant Budget Class	Unit Quantity	Unit of Measure	Unit Cost (\$)	Cost Estimate (\$)
Design, planning, and engineering expenses	Architectural and Engineering Fees	Construction	1	Unknown	303784	303784
Sprinklers or other fire suppression systems	Construction	Construction	11684	Each	4.28	50007
Kitchen appliances	Construction	Construction	3	Each	1000	3000
Gear racks, storage, and shelving for gear/equipment	Construction	Construction	1	Unknown	10000	10000
Energy conservation systems (Leadership in Energy and Environmental Design - LEED)	Other Third Party Fees for LEED Certification	Construction	1	Each	75000	75000
Building construction	Construction	Construction	1	Each	58420	58420
Energy conservation systems (Leadership in Energy and Environmental Design - LEED)	Construction	Construction	1	Each	467360	467360
Building construction	Construction	Other Permits	1	Unknown	51000	51000
Building construction	Construction	Construction	1	Each	58420	58420
Design, planning, and engineering expenses	Project Inspection Fees	Construction	1	Each	35052	35052
Design, planning, and engineering expenses	Architectural and Engineering Fees	Construction	1	Each	15000	15000
Kitchen appliances	Construction	Construction	1	Each	1000	1000
Design, planning, and engineering expenses	Architectural and Engineering Fees	Construction	1	Each	3000	3000
Site preparation	Land Development	Construction	11684	Square Foot	22.16	258917
Kitchen appliances	Construction	Construction	1	Each	500	500
Environmental assessment	Architectural and Engineering Fees	Construction	1	Each	2000	2000
Building construction	Construction	Construction	1	Each	2211544	2211544

Total Cost Estimate \$3604004
 Applicant Share \$15000 /
 0.42%
 Federal Share \$3589004 /
 99.58%

Fire Station Construction

- *1. Select an item from the drop-down menu. Design, planning, and engineering expenses
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Architectural and Engineering Fees
- *4. Select unit of Measure for the cost classification item selected in question 3. Unknown
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$303784
- *7. Budget Item Narrative.
 To complete this section, refer to the requirements outlined in the help link located below right.
 This line item is for the architectural design fees. The costs of designing the station to comply with NFPA 1500 and the Americans with Disabilities Act (ADA) is included. The architectural fee is based on 10% of the total costs of the station. Our station will be LEED Gold certified. The architect fee includes a 2% upcharge for additional design work required for LEED certification.

Fire Station Construction

- *1. Select an item from the drop-down menu. Sprinklers or other fire suppression systems
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Each
- *5. Provide Unit quantity 11684
- *6. Provide a unit cost. \$4.28
- *7. Budget Item Narrative.
 To complete this section, refer to the requirements outlined in the help link located below right.
 This line item is for sprinkler system

installation.

Fire Station Construction

- *1. Select an item from the drop-down menu. Kitchen appliances
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Each
- *5. Provide Unit quantity 3
- *6. Provide a unit cost. \$1000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for refrigerators. Our present practice is to provide a refrigerator for each of our three shifts.

Fire Station Construction

- *1. Select an item from the drop-down menu. Gear racks, storage, and shelving for gear/equipment
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Unknown
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$10000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for gear racks and shelving. The estimated costs were derived from the cost of racks and storage of the two stations we built in 2007.

Fire Station Construction

- *1. Select an item from the drop-down menu. Energy conservation systems (Leadership

	in Energy and Environmental Design - LEED)
*2. Select a grant budget class for each item selected.	Construction
*3. Select a cost classification for each item selected.	Other Third Party Fees for LEED Certification
*4. Select unit of Measure for the cost classification item selected in question 3.	Each
*5. Provide Unit quantity	1
*6. Provide a unit cost.	\$75000
*7. Budget Item Narrative.	To complete this section, refer to the requirements outlined in the help link located below right. This line item is for costs associated with certifying the station as LEED Gold. The costs include third party licensing and modeling.....LOOK AT THE ACTUAL COSTS FROM KEN NEWELL.

Fire Station Construction

*1. Select an item from the drop-down menu.	Building construction
*2. Select a grant budget class for each item selected.	Construction
*3. Select a cost classification for each item selected.	Construction
*4. Select unit of Measure for the cost classification item selected in question 3.	Each
*5. Provide Unit quantity	1
*6. Provide a unit cost.	\$58420
*7. Budget Item Narrative.	To complete this section, refer to the requirements outlined in the help link located below right. This line item is the allowance figure for lighting, plumbing and door hardware.

Fire Station Construction

*1. Select an item from the drop-down menu.	Energy conservation systems (Leadership in Energy and Environmental Design - LEED)
*2. Select a grant budget class for each item selected.	Construction
*3. Select a cost classification for each item selected.	Construction

- *4. Select unit of Measure for the cost classification item selected in question 3. Each
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$467360
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for the cost of constructing the building to meet LEED Gold Certification. The costs include

Fire Station Construction

- *1. Select an item from the drop-down menu. Building construction
- *2. Select a grant budget class for each item selected. Other Permits
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Unknown
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$51000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item includes the costs of building, plumbing, electrical, mechanical and fire permits for the construction.

Fire Station Construction

- *1. Select an item from the drop-down menu. Building construction
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Each
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$58420

***7. Budget Item Narrative.**

To complete this section, refer to the requirements outlined in the help link located below right.

This line item is the project contingency for unexpected expenses. The contingency is based on 2 1/2% of the base bid price of \$2,336,800

Fire Station Construction

*1. Select an item from the drop-down menu.

Design, planning, and engineering expenses

*2. Select a grant budget class for each item selected.

Construction

*3. Select a cost classification for each item selected.

Project Inspection Fees

*4. Select unit of Measure for the cost classification item selected in question 3.

Each

*5. Provide Unit quantity

1

*6. Provide a unit cost.

\$35052

*7. Budget Item Narrative.

To complete this section, refer to the requirements outlined in the help link located below right.

This line item is for special inspections and testing. The cost is based on 1.5% of the base construction cost.

Fire Station Construction

*1. Select an item from the drop-down menu.

Design, planning, and engineering expenses

*2. Select a grant budget class for each item selected.

Construction

*3. Select a cost classification for each item selected.

Architectural and Engineering Fees

*4. Select unit of Measure for the cost classification item selected in question 3.

Each

*5. Provide Unit quantity

1

*6. Provide a unit cost.

\$15000

*7. Budget Item Narrative.

To complete this section, refer to the requirements outlined in the help link located below right.

This line item is for reimbursable expenses associated with architectural fees.

Fire Station Construction

- *1. Select an item from the drop-down menu. Kitchen appliances
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Each
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$1000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for the cost of a natural gas cook range and oven.

Fire Station Construction

- *1. Select an item from the drop-down menu. Design, planning, and engineering expenses
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Architectural and Engineering Fees
- *4. Select unit of Measure for the cost classification item selected in question 3. Each
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$3000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for geotechnical engineering design costs.

Fire Station Construction

- *1. Select an item from the drop-down menu. Site preparation
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Land Development
- *4. Select unit of Measure for the cost classification item selected Square Foot

in question 3.

*5. Provide Unit quantity

11684

*6. Provide a unit cost.

\$22.16

*7. Budget Item Narrative.

To complete this section, refer to the requirements outlined in the help link located below right.

Rough grading for the site has been completed. This line item is for the cost of finish grading. The cost is based on the square footage of the station which is 11,684. The estimate from the architect for site preparation is \$258917

Fire Station Construction

*1. Select an item from the drop-down menu.

Kitchen appliances

*2. Select a grant budget class for each item selected.

Construction

*3. Select a cost classification for each item selected.

Construction

*4. Select unit of Measure for the cost classification item selected in question 3.

Each

*5. Provide Unit quantity

1

*6. Provide a unit cost.

\$500

*7. Budget Item Narrative.

To complete this section, refer to the requirements outlined in the help link located below right.

This line item is for the cost of a microwave oven.

Fire Station Construction

*1. Select an item from the drop-down menu.

Environmental assessment

*2. Select a grant budget class for each item selected.

Construction

*3. Select a cost classification for each item selected.

Architectural and Engineering Fees

*4. Select unit of Measure for the cost classification item selected in question 3.

Each

*5. Provide Unit quantity

1

*6. Provide a unit cost.

\$2000

***7. Budget Item Narrative.**

To complete this section, refer to the requirements outlined in the help link located below right.

This line item is for the cost of an environmental assessment.

Fire Station Construction

*1. Select an item from the drop-down menu.

Building construction

*2. Select a grant budget class for each item selected.

Construction

*3. Select a cost classification for each item selected.

Construction

*4. Select unit of Measure for the cost classification item selected in question 3.

Each

*5. Provide Unit quantity

1

*6. Provide a unit cost.

\$2211544

*7. Budget Item Narrative.

To complete this section, refer to the requirements outlined in the help link located below right.

This line item is the base construction costs. The station will have a metal roof with a 50 year warranty. Exterior walls will be brick veneer. This line item includes; foundation, electrical, plumbing, HVAC, flooring, interior and exterior walls, interior and exterior painting, station alerting, doors, windows, insulation, roof, driveway paving and striping, and all other components of a complete structure.

Fire Station Construction

*1. What is the purpose of your request?

Expansion/modification of an existing fire station to meet increased service demands.

*2. If your request is to replace or rehabilitate an unsafe or uninhabitable station, what is the reason for your request?

The existing structure is in need of repairs that the department cannot afford to implement.

2a. If you have health-code violations or orders to vacate your existing fire station, what is the date of that order and what are the conditions under which the order was issued?

Date: (mm/dd/yyyy)

* 3. If your request is to construct an additional fire station in order to better serve your community, did you conduct a formal survey to identify the location of your new fire station?

N/A (we're modifying an existing station)

- a. If yes, what percentage of your first-due response area can currently be protected within a five minute response time (from the time of dispatch), without the new station? %
- b. If yes, what percentage of your first-due response area will be protected within a five minute response time (from the time of dispatch) once the new station is operational? %
- * 4. Regardless of local building code requirements, will your new station or your modification project be designed and built according to the most recently approved requirements and codes developed by the International Code Council **as well as NFPA standards that involve fire station construction including sprinkler systems (in accordance with NFPA 1, chapter 13) and fire alarms and vehicle exhaust extraction systems (in accordance with NFPA 1500, chapter 9)?** Yes
- * 5. Will your project provide for sleeping quarters and other amenities to accommodate 24/7 occupancy? Yes
- *6a. Has your department obtained formal cost estimates for your project from a contractor, engineering firm, architectural firm, or some other industry source? Yes
- 6b. If so, please provide the estimated cost obtained. If not please provide your best estimates for the cost necessary to complete your project. \$997,546
- 6c. What is the source of *the* estimated cost (e.g., general construction contractor, engineering firm, construction cost estimate tables such as Marshall and Swift, R.S. Means, etc.)? Architectural Firm
- * 6d. What is the total square *footage of the modification to your facility or your new facility?* 6000
- * 6e. There are no cost-share requirements under this program, but is your department willing to contribute to the cost of the project? Yes - how much? \$15,000
- * 7. Do you own the land on which the construction will occur? Yes
- * 8. Is the land on which the construction will occur already zoned for the planned fire station? Yes
- * 9. The land on which you plan to build the new fire station:
- N/A, our project is a renovation project.
- * 10. Has your department already obtained all the necessary local permits for your planned construction project? No
- * 11. Has your department already conducted an environmental

assessment (EA) for your planned construction project?

N/A (we are modifying an existing station).

If applicable, explain what work has been done on the EA:

* 12. If your project is for a renovation of an existing structure, have you already received clearances from the State Historic Preservation Office (SHPO) to proceed with the project?

Yes, clearance has been obtained.

* 13. Are utilities already at or adjacent to the land on which the construction will occur?

Yes, the utilities are readily available to the site.

* 14. Is your community a participant in the National Flood Insurance Program and in good standing (i.e. not sanctioned)?

Yes

* 15. What was the unemployment rate for your county or city in December 2008 (go to the website provided under the help button to the right)?

6.2 %

* 16. What was the unemployment rate for your county or city in December 2007 (go to the website provided under the help button to the right)?

3.5 %

* 17. What is the population of the county or city for which you have provided the unemployment statistics above?

229047

*18. How long will it take to complete your fire station after the completion of the environmental assessment and receipt of Federal approval to begin work?

9 Months

*19. How long has your department been ready to start the construction of your fire station (how long have you had your permits)?

Months
N/A

*20. How much has your department spent on your project to date?

0 for design (architects)
0 for permits
0 other (explain)
Costs estimates were developed by an architectural firm. The firm performed the work at no charge to the City of Asheville.

* 21. Is your department responsible for the provision of Emergency Medical Services in addition to fire suppression?

Yes

*22. What percentage of your active firefighters meets the training requirements under NFPA 1001?

100 %

*23. Will the new fire station improve your department's ability to affect mutual aid?

Yes

If yes, explain

Our department will be better suited to provide mutual and automatic aid to neighboring departments on the north end of the city.

BUDGET INFORMATION - Construction Programs

Item Name	Cost Classification	Project Cost Estimate				
		Grant Budget Class	Unit Quantity	Unit of Measure	Unit Cost (\$)	Cost Estimate (\$)
Building construction	Construction	Other Permits	1	Unknown	16000	16000
Building construction	Demolition and Removal	Construction	1	Unknown	3000	3000
Building construction	Construction	Construction	3000	Square Foot	1.75	5250
Building construction	Construction	Construction	1	Each	50000	50000
Building construction	Construction	Construction	1	Unknown	15000	15000
Building construction	Construction	Construction	12	Each	250	3000
Building construction	Construction	Construction	3000	Square Foot	26.666	79998
Building construction	Construction	Construction	3000	Square Foot	2.5	7500
Building construction	Demolition and Removal	Construction	1	Unknown	3000	3000
Building construction	Construction	Construction	5767	Square Foot	3	17301
ADA compliance	Construction	Construction	1	Each	22000	22000
Building construction	Construction	Construction	38	Each	2210	83980
Kitchen appliances	Construction	Construction	3	Each	1000	3000
Kitchen appliances	Construction	Construction	1	Each	500	500
Building construction	Other Repair	Construction	2	Each	750	1500
Building construction	Construction	Construction	1200	Square Foot	2.5	3000

Building construction	Construction	Construction	1	Each	50000	50000
Building construction	Architectural and Engineering Fees	Construction	1	Each	72377	72377
Building construction	Construction	Construction	1	Each	33000	33000
Building construction	Equipment	Construction	2	Each	35000	70000
Building construction	Construction	Construction	1	Each	130114.6	130114
ADA compliance	Construction	Construction	1	Each	3500	3500
Building construction	Construction	Construction	1	Each	62500	62500
Building construction	Construction	Construction	1	Unknown	15000	15000
Building construction	Construction	Construction	1	Each	2000	2000
Building construction	Construction	Construction	1200	Square Foot	25	30000
Building construction	Construction	Construction	167	Linear Foot	15	2505
Building construction	Construction	Construction	1	Each	50000	50000
Kitchen appliances	Construction	Construction	1	Each	1000	1000
Building construction	Construction	Construction	1	Each	25000	25000
Building construction	Construction	Construction	1	Each	5000	5000
Building construction	Construction	Construction	8	Each	500	4000
Building construction	Construction	Construction	1	Each	127500	127500

Total Cost Estimate \$997525

Applicant Share \$15000 / 1.50%

Federal Share \$982525 / 98.50%

Fire Station Construction

*1. Select an item from the drop-down menu.

Building construction

*2. Select a grant budget class for each item selected.

Other Permits

*3. Select a cost classification for each item selected.

Construction

*4. Select unit of Measure for the cost classification item selected in question 3.

Unknown

- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$16000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item includes the costs of demolition, building, plumbing, electrical, mechanical and fire permits for the construction.

Fire Station Construction

- *1. Select an item from the drop-down menu. Building construction
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Demolition and Removal
- *4. Select unit of Measure for the cost classification item selected in question 3. Unknown
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$3000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for demolition in a storage room.

Fire Station Construction

- *1. Select an item from the drop-down menu. Building construction
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Square Foot
- *5. Provide Unit quantity 3000
- *6. Provide a unit cost. \$1.75
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for the insulation of ceilings.

Fire Station Construction

- *1. Select an item from the drop-down menu. Building construction
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Each
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$50000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for the structural reinforcement of apparatus floors to accomodate modern apparatus.

Fire Station Construction

- *1. Select an item from the drop-down menu. Building construction
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Unknown
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$15000
- *7. Budget Item Narrative. To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for miscellaneous structure repairs and alterations.

Fire Station Construction

- *1. Select an item from the drop-down menu. Building construction
- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected.

	Construction
*4. Select unit of Measure for the cost classification item selected in question 3.	Each
*5. Provide Unit quantity	12
*6. Provide a unit cost.	\$250
*7. Budget Item Narrative.	To complete this section, refer to the requirements outlined in the help link located below right. This line item is for wall mounted gear lockers.

Fire Station Construction

*1. Select an item from the drop-down menu.	Building construction
*2. Select a grant budget class for each item selected.	Construction
*3. Select a cost classification for each item selected.	Construction
*4. Select unit of Measure for the cost classification item selected in question 3.	Square Foot
*5. Provide Unit quantity	3000
*6. Provide a unit cost.	\$26.666
*7. Budget Item Narrative.	To complete this section, refer to the requirements outlined in the help link located below right. This line item is for the installation of a new insulated (R-19) roof system

Fire Station Construction

*1. Select an item from the drop-down menu.	Building construction
*2. Select a grant budget class for each item selected.	Construction
*3. Select a cost classification for each item selected.	Construction
*4. Select unit of Measure for the cost classification item selected in question 3.	Square Foot
*5. Provide Unit quantity	3000
*6. Provide a unit cost.	\$2.5
*7. Budget Item Narrative.	To complete this section, refer to the

requirements outlined in the help link
located below right.
This line item is for the insulation of floors.

Fire Station Construction

- | | |
|---|--|
| *1. Select an item from the drop-down menu. | Building construction |
| *2. Select a grant budget class for each item selected. | Construction |
| *3. Select a cost classification for each item selected. | Demolition and Removal |
| *4. Select unit of Measure for the cost classification item selected in question 3. | Unknown |
| *5. Provide Unit quantity | 1 |
| *6. Provide a unit cost. | \$3000 |
| *7. Budget Item Narrative. | To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for demolition in the dormitory. |

Fire Station Construction

- | | |
|---|---|
| *1. Select an item from the drop-down menu. | Building construction |
| *2. Select a grant budget class for each item selected. | Construction |
| *3. Select a cost classification for each item selected. | Construction |
| *4. Select unit of Measure for the cost classification item selected in question 3. | Square Foot |
| *5. Provide Unit quantity | 5767 |
| *6. Provide a unit cost. | \$3 |
| *7. Budget Item Narrative. | To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for the painting of interior walls and ceiling and the repair of plaster. |

Fire Station Construction

- | | |
|---|----------------|
| *1. Select an item from the drop-down menu. | ADA compliance |
|---|----------------|

- *2. Select a grant budget class for each item selected. Construction
- *3. Select a cost classification for each item selected. Construction
- *4. Select unit of Measure for the cost classification item selected in question 3. Each
- *5. Provide Unit quantity 1
- *6. Provide a unit cost. \$22000
- *7. Budget Item Narrative.
To complete this section, refer to the requirements outlined in the help link located below right.
This line item is for the cutting and construction of a new doorway in the south wall that will comply with ADA.

Fire Station Construction

- *1. Select an item from the drop-down menu.